

ABSTRACT OF THE DISCLOSURE

An LCD has a storage electrode wire between long sides of partitions of a pixel electrode and gate lines or data lines. A gate wire and a storage electrode wire are formed on a substrate and covered with a gate insulating layer. A data wire is formed on the gate insulating layer and covered with a passivation layer. A thin film transistor including gate, source and drain electrodes are provided on the substrate. A pixel electrode is formed on the passivation layer and connected to the drain electrode. The pixel electrode is divided into three partitions, a first one having long and short sides parallel to data lines and gate lines, respectively, and second and third ones vice versa. A storage electrode line and some storage electrodes are disposed between the long sides of the partitions and the gate or the data lines, and between the long sides of the partitions. Other storage electrodes disposed between the short sides of the partitions and the gate or the data lines are covered by the pixel electrode. A storage electrode between the short side of the first portion and the long side of the partition is spaced apart from the first partition by at least 3 μm .

5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95